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Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail No.: EV 314104091 US
Attorney Docket No.: 2003320-0036
Customer Number: 24280
Date Filed: January 22, 2004

UTILITY PATENT APPLICATION TRANSMITTAL
(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)
(City and State or Foreign Country)

Family Name or Surname**Residence**

Kevin A.	Jarrell	Lincoln, MA
Glenn F., III	Short	
Temple	Smith	Marblehead, MA
Prashanth	Vishwanath	Boston, MA

Title of the Invention: Alien Sequences

A) APPLICATION ELEMENTS:

- 1) ☐ **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) ☒ **Applicant Claims Small Entity Status** (see 37 C.F.R. § 1.27)
 - a) ☐ **Statement Verifying Small Entity Status** (optional)

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3) ☒ **Specification**

TOTAL PAGES: 43

- ☒ Descriptive Title of the Invention
- ☒ Cross References to Related Applications (if applicable)
- ☐ Statement Regarding Federally Sponsored R & D (if applicable)
- ☐ Reference to sequence listing, a table, or a computer program listing appendix
- ☒ Background of the Invention
- ☒ Summary of the Invention
- ☒ Description of the Drawing (if filed)
- ☒ Detailed Description of the Invention
- ☒ Claim(s)
- ☒ Abstract of the Invention

4) ☒ **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS: 19

- a) ☐ Formal Drawings (if checked)

5) ☒ **Oath or Declaration**

TOTAL PAGES: 4

- a) ☐ Newly Executed (original or copy)

- b) ☐ Copy from a prior application (37 C.F.R. § 1.63(d))-for
continuation/divisional application

- i) ☐ Deletion of inventor(s): Signed Statement deleting inventor(s)
named
in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

- c) ☒ Unexecuted

6) ☐ **Application Data Sheet**. See 37 C.F.R. § 1.76.

7) ☐ **CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)**

8) ☐ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are necessary)

a) ☐ Computer Readable Form (CRF)

b) ☐ Specification Sequence Listing on:

i) ☐ CD-ROM or CD-R (2 copies); or

ii) ☐ Paper

c) ☐ Statements verifying identity of above copies

B) ACCOMPANYING APPLICATION PARTS:

9) ☐ **Assignment Papers** (cover sheet & document(s))

10) ☐ **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)

11) ☐ **Power of Attorney**

12) ☐ **English Translation Document** (if applicable)

13) ☐ **Information Disclosure Statement (IDS)/PTO-1449**

14) ☐ **Copies of IDS Citations**

15) ☐ **Preliminary Amendment**

16) ☒ **Return Receipt Postcard (MPEP 503)** (specifically itemized)

17) ☐ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)

18) ☐ **Nonpublication Request under 35 U.S.C. § 122(b)(2)(B)(i)**

19) ☐ **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

☐ continuation ☐ divisional ☐ continuation-in-part (CIP)

of prior application no.: _____

filed: _____

examiner: _____

group/art unit: _____

for continuation or divisional applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

D.) PRIORITY CLAIM(S):

This application claims the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

<u>Application Serial No.</u>	<u>Filing date</u>	<u>Status (patented, pending, abandoned)</u>
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This application claims the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing date</u>	<u>Status (pending, expired, abandoned)</u>
60/441,832	January 22, 2003	Pending

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

☒ Applicant claims small entity status 37 C.F.R. § 1.27.

☐ A check for is enclosed to cover the filing fees.

☒ The commissioner is hereby authorized to charge filing fees or to credit any overpayment to deposit account number 03-1721.

Basic Filing Fee (Large Entity)	\$385.00
Additional Fees:	
Total Number of Claims in excess of 20: (13 – 20) x \$18	\$0.00
Number of Independent Claims in excess of 3: (2 – 3) x \$86	\$0.00
Multiple Dependent Claims \$290:	<u>\$0.00</u>
Total Filing Fee:	\$385.00

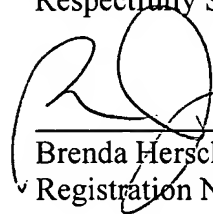
F) CORRESPONDENCE ADDRESS:

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Respectfully Submitted,

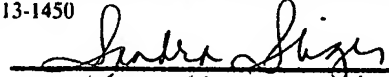

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CERTIFICATE OF MAILING

"Express Mail" mailing label number EV 314104091 US
Date of Deposit: 01-22-04

I hereby certify that this correspondence is being
deposited with the United States Postal Service as "Express
Mail Post Office to Address" service under 37 CFR 1.10
on the date indicated above and is addressed to:
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22313-1450


Sandra Stiger

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